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RYAN SWANSON & CLEVELAND, PLLC

Ethan Construction, LLC.
Inspection Number:
310608815

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RCLLC 0000762

Inspection Number	UBI	Account	Establishment DBA / Legal Name	
310608815	602306468	90805306	ETHAN CONSTRUCTION LLC ETHAN CONSTRUCTION LLC	
Assignment Type	CSHO ID / Region	Site Region	Program	Related Activities
Referral	X5979 / 2	2	Health	202501862
Primary SIC / NAICS	Primary SIC / NAICS Description			
1522 236118	GENERAL CONTRACTORS - RESIDENTIAL BLDGS, OTHER THA RESIDENTIAL REMODELERS (PT)			

WISHA Services Division
PO Box 44632
Olympia, WA 98504-4632

IMIS CASE FILE ACTIVITY DIARY

Page _____ of _____

DATE:	ACTION:	INITIALS:
2.22.2007	Citation and Notice Issue	OK
12.14.06	Final Abatement Date (From Citation)	I
Ø	Penalty Amount	
	FTA Amount	
	Original Inspection #	
	Progress Report <input type="checkbox"/> Partial <input checked="" type="checkbox"/> Complete	MSK
	Progress Report <input type="checkbox"/> Partial <input type="checkbox"/> Complete	
	Progress Report <input type="checkbox"/> Partial <input type="checkbox"/> Complete	
	Progress Report <input type="checkbox"/> Partial <input type="checkbox"/> Complete	
	Appeal Received	
	Corrective Notice of Re-determination	
	2 nd Appeal	
	<input type="checkbox"/> Board Decision <input type="checkbox"/> Superior Court	
	Payment # \$	
	Payment # \$	
	Payment # \$	
	Payment # \$	
	Payment # \$	
	Payment # \$	
	Extension of Abatement	
	Final Order Date	
3-15-07	Closed <input checked="" type="checkbox"/>	TS

F414-055-000 activity diary 8-99

RCLLC 0000763



STATE OF WASHINGTON
DEPARTMENT OF LABOR AND INDUSTRIES

PO Box 44000 • Olympia, Washington 98504-4000

02/22/2007

ETHAN CONSTRUCTION LLC
3100 Airport Way S
Seattle, WA 98134

Inspection Number: 310608815
UBI: 602306468
CSHO ID: X5979
Region: 2
Program: H
Reference Number: 202501862

Dear Employer:

We have enclosed the results of our recent safety and health inspection of your workplace, located at the address on your enclosed citation.

This packet contains:

1. **Employer Instructions**
2. **Division of Occupational Safety and Health (DOSH) Citation Invoice**
This will verify that no penalties were assessed.
3. **Citation and Notice of Assessment**
A description of each violation.
4. **Appeal Rights**

OSHA publishes DOSH citation information on the Internet at www.osha.gov, since this information is available under provisions of the Federal Freedom of Information Act. It is posted 30 days after the date a citation is issued.

You are encouraged to carefully review the entire citation. If you have questions, call the compliance supervisor in your region at 206-515-2864.

Stephen M. Cant, CIH
Assistant Director
Division of Occupational Safety & Health

Enclosure(s)

RCLLC 0000764



Inspection Number: 310608815

Employer Instructions

You must post this notice in your workplace.

You must immediately post this Citation and Notice of Assessment at or near where the violation(s) occurred, where employees can easily find and read it, or where employees normally receive posted information. All postings must remain until you have corrected all violations, or for three working* days, whichever is longer (RCW 49.17.120).

* The term "working day" means a calendar day, except Saturdays, Sundays and all legal state holidays.
(See working days in WAC 296-800-370.)

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Division of Occupational Safety and Health Citation Invoice



Inspection Number: 310608815

Opening Conference Date: 12/14/2006

Closing Conference Date: 12/28/2006

Issuance Date: 02/22/2007

UBI: 602306468

Legal Name: ETHAN CONSTRUCTION LLC

Name of Business Inspected: ETHAN CONSTRUCTION LLC

Inspection Site: 3100 Airport Way S, Seattle, WA, 98134

Summary of Assessed Penalties

(See attached documents for full description of each citation)

No penalties were assessed for this citation.

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Citation and Notice of Assessment



Inspection Number: 310608815
CSHO ID: X5979

Opening Conference Date: 12/14/2006
Closing Conference Date: 12/28/2006
Issuance Date: 02/22/2007
UBI: 602306468
Legal Name: ETHAN CONSTRUCTION LLC
Name of Business Inspected: ETHAN CONSTRUCTION LLC
Inspection Site: 3100 Airport Way S, Seattle, WA, 98134

Violation 1, Item 1,Type of Violation: General

Washington Administrative Code (WAC) violated: 296-62-07721(2)(c)(ii)(B)

Before work under this standard was performed the employer did not communicate to employees who performed such work the hazards concerning asbestos exposure.

This violation was corrected at the time of inspection.

Assessed penalty (See attached invoice): \$0.00

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Occupational Safety and Health | Citation Packet



Inspection Number: 310608815

Violation 1, Item 2,Type of Violation: General

Washington Administrative Code (WAC) violated: 296-62-07721(6)(a)

The employer did not label products containing asbestos, in that steel fire doors containing asbestos were not so labeled.

This violation was corrected at the time of inspection.

Assessed penalty (See attached invoice): **\$0.00**

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Inspection Number: 310608815

Your Right to Appeal

For Employers

If you are cited for a violation of Occupational Safety and/or Health rules, you have the right to appeal the citation. **You have 15 working days from the date you receive this citation to appeal.** Your appeal must be in writing. It may be mailed, faxed, or personally delivered.

Your appeal must include:

- Name, address, telephone number, and fax number if available of the employer who is appealing, and for the employer's representative, if any, such as an attorney or interpreter.
- Inspection Number (You will find this nine-digit number on your citation.)
- Statement explaining:
 1. What you think is wrong with the citation and any related facts.
 2. How you think the citation should be changed.
 3. What relief you are seeking and why.

Note: Employees and/or employee representatives may elect to participate in appeal hearings.

Posting requirement:

You must post your appeal documents (along with this citation packet) until the appeal is resolved. You must also post all other documents related to this appeal.

For Employees or Their Representatives

If your employer is cited, you may only appeal the correction due date(s).

Your appeal must include:

- Your name, address, telephone number, and fax number if available and the same information for anyone who is representing you, if any.
- Inspection Number
- Statement explaining why you think the correction due date should be changed.

Send all appeals to:

Assistant Director for DOSH
Attn: Appeals Unit
PO Box 44604
Olympia, WA 98504-4604
Fax to: 360-902-5581 or deliver to: Any L&I office

For more information call the appeals unit: 360-902-5486.

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Enforcement Case File Information

Referral Information Inspection Information Violation Information Sampling Information Case File Checkout Card

Enforcement Referral Information

Referral #	Inspection Number / Program	UBI / Bus Loc	Account ID / Site Region		
202501862	310608815 / Health	602306468 / 884570	90805306 / 1055320		
Primary SIC/NAICS	Primary SIC/NAICS Description		CSHO ID / CSHO Region		
1522 / 236118	GENERAL CONTRACTORS - RESIDENTIAL BLDGS, OTHER THA / RESIDENTIAL REMODELERS (PT)		X5979 / 1055320		
Site Address			Mailing Address		
ETHAN CONSTRUCTION LLC 3100 Airport Way S Seattle, WA 98134			ETHAN CONSTRUCTION LLC 3100 Airport Way S Seattle, WA 98134		
List of Sources					
Source Name	Source Type	Last Letter Sent	Date Sent	Phone	Email
referral, anonymous	Other				
Employer Referral Letters					
No Employer Letters Found					
Type of Business			Type of Activity		
construction			Referral		
Description and Location of Hazard					
Asbestos containing materials are being removed by workers who have not been trained or provided proper equipment. Improper disposal of the materials.					
Received By	Assigned To	Assigned Supervisor	Date-Time Received		
i9888	X5979	i9888	12/14/2006 - 8:00 AM		
Inspection Planned		Number of Days	Send Letter		
Yes		1	No		
Inspect By	Reason No Inspection				
12/15/2006					
Evaluated By	Severity	Migrant Farm Camp	Emphasis Information		
i9888	Serious	No			
Transfer To Name	Date of Transfer	Transfer To	Reporting ID/Code		
Transfer Comment					

Enforcement Inspection Information[Top](#)

Inspection Number / Program	Triggering Activity	UBI / Bus Loc	Account Number
310608815 / Health	202501862	602306468 / 884570	90805306
Establishment DBA / Legal Name	Assignment Type / Site Region	CSHO ID / CSHO Region	
ETHAN CONSTRUCTION LLC / ETHAN CONSTRUCTION LLC	Referral / 1055320	X5979 / 1055320	
Primary SIC/NAICS	Primary SIC/NAICS Description		
1522 / 236118	GENERAL CONTRACTORS - RESIDENTIAL BLDGS, OTHER THA / RESIDENTIAL REMODELERS (PT)		
Site SIC/NAICS	Site SIC/NAICS Description		
1522 / 236118	GENERAL CONTRACTORS - RESIDENTIAL BLDGS, OTHER THAN SING / RESIDENTIAL REMODELERS (PT)		
Site Address	Mailing Address	Other Company Info	
ETHAN CONSTRUCTION LLC 3100 Airport Way S Seattle, WA 98134	ETHAN CONSTRUCTION LLC 3100 Airport Way S Seattle, WA 98134	Business Phone: Site Phone: Legal Entity: Limited Liability Corp	

Representatives				
Name	Title	Participation	Type	Email
Eitan Alon	Chief Operating Officer	Opening Conference, Walk-Around	Management Official	
John Jacks	Project Manager	Opening Conference, Walk-Around	Management Official	
Related Activities				
OSHA Number			Type	
202501862			Referral	
Advance Notice	Opening Conference Date/Time	Site SIC/NAICS	Type of Operation	
No	12/14/2006 - 9:05 AM	1522 / 236118	Construction	
Inspection Type	Days Site Visited	Inspection Scope	Reason No Inspection	
Referral	1	Partial		
Local Emphasis Program		Special Tracking Information		
Multi-Employer Controlling Inspection Number	Focused Inspection: Controlling Employer	Focused Inspection: Sub-Contractors	Employers On Site	
	No	No		
Immediate Restraint	Red Tag Number	Union		
No		No		

Employees On Site		Employees Covered By Inspection		Employees Controlled Statewide	
20		10		25	
Employee Participation		Closing Conference Date		Citation Issued/Date	
Interviewed		12/28/2006		Yes 2/22/2007	
Citation Sent Date		Citation Delivery Status		Citation Delivery Status Date	
2/22/2007					
Citation and Notice Messages					
Route to P&TS		Reason		Other Reason	
No					
Anticipatory Warrant/ Subpeona Served		Non-Anticipatory Warrant/ Subpeona Served		Date Denied	Date Re-entered
None		None			
OSHA 300 Data				OSHA Log Information	
Data Checked But Not Recorded				0	
Year	Hours Worked By All Employees			DART Rate	
	0			0.00	
CSHO Approved Date		Supervisor Approved Date		Send C & N?	Case Closed Date
12/28/2006		12/29/2006		Yes	

Enforcement Violation Information[Top](#)

Inspection Number / Program				Triggering Activity		UBI / Bus Loc		Account Number	
310608815 / Health				202501862		602306468 / 884570		90805306	
Establishment DBA / Legal Name						Assignment Type / Site Region		CSHO ID / CSHO Region	
ETHAN CONSTRUCTION LLC / ETHAN CONSTRUCTION LLC						Referral / 1055320		X5979 / 1055320	

Violation	Item	Group	Type	Standard	Penalty	Instances	Abatement Days/Date	Date Corrected
1	1		G	296-62-07721(2)(c)(ii)(B)	0.00	1		12/14/2006
1	2		G	296-62-07721(6)(a)	0.00	1		12/14/2006

Inspection Number / Program		UBI / BusLoc		CSHO ID / CSHO Region	
310608815 / Health		602306468 / 884570		X5979 / 1055320	
Triggering Activity		Account Number		Assignment Type / Site Region	
202501862		90805306		Referral / 1055320	

Violation #	Item #	Group	Standard Violated		
1	1		296-62-07721(2)(c)(ii)(B)		
Type	Number of Instances	Number of Workers Exposed	Related Event Code	Previous Inspection # (for repeat or FTA)	
G	1	8			
Abatement # of Days/Date	Immediate Restraint	Egregious	Substance	Abatement Documents Required	
	No	No		No	
Date Corrected	Complied During Inspection	Date Verified	How Verified	Date/Time Violation Identified	
12/14/2006	Yes	12/14/2006	Employer Abated	12/14/2006 9:05 AM	
Statutory Penalty	Asbestos Good Faith	Asbestos # of Days	Severity	Probability	
No	No				
Gravity	Calculated Base Penalty	Faith Code/Adj	History Code/Adj	Size Code/Adj	
		0	0	0	
Adjustment Subtotal	Adj. Base Penalty	Factor Type/Number	Calculated Penalty	Assessed Penalty	
0.00	0.00		0.00	0.00	
AVD	Before work under this standard was performed the employer did not communicate to employees who performed such work the hazards concerning asbestos exposure.				
Message	This violation was corrected at the time of inspection.				
How Complied	Employees were informed that steel doors could contain asbestos insulation and all steel doors would be treated as if they were.				
Instance	Before work under this standard was performed in areas containing asbestos containing material, the employer did not communicate to employees who performed such work the hazards concerning asbestos exposure. Employee (b) (6) removed steel fire doors on December 11 through 13, 2006 by removing them from their hinges or cutting the hinges from the door. No door shells were cut or breached in the process and the insulation inside was undisturbed. Some doors were completely sealed and others had small openings in the top or bottoms.				

Description	The door that I sampled had intact and undisturbed insulation visible through a small opening in the top. The insulation contained 45 percent chrysotile by laboratory analysis. Employee: (b) (6)		
Photos	Yes	Photos	3
Photo List	Photos 5, 7, 8		
Severity			
Probability			
Good Faith			
History			

Inspection Number / Program		UBI / BusLoc		CSHO ID / CSHO Region	
310608815 / Health		602306468 / 884570		X5979 / 1055320	
Triggering Activity		Account Number		Assignment Type / Site Region	
202501862		90805306		Referral / 1055320	

Violation #	Item #	Group	Standard Violated		
1	2		296-62-07721(6)(a)		
Type	Number of Instances	Number of Workers Exposed	Related Event Code	Previous Inspection # (for repeat or FTA)	
G	1	8			
Abatement # of Days/Date	Immediate Restraint	Egregious	Substance	Abatement Documents Required	
	No	No		No	
Date Corrected	Complied During Inspection	Date Verified	How Verified	Date/Time Violation Identified	
12/14/2006	Yes	12/14/2006	Employer Abated	12/14/2006 9:05 AM	
Statutory Penalty	Asbestos Good Faith	Asbestos # of Days	Severity	Probability	
No	No				
Gravity	Calculated Base Penalty	Faith Code/Adj	History Code/Adj	Size Code/Adj	
		0	0	0	
Adjustment Subtotal	Adj. Base Penalty	Factor Type/Number	Calculated Penalty	Assessed Penalty	
0.00	0.00		0.00	0.00	
AVD	The employer did not label products containing asbestos, in that steel fire doors containing asbestos were not so labeled.				
Message	This violation was corrected at the time of inspection.				
How Complied	All steel doors removed from hinges labeled as asbestos containing. All steel doors in place labeled as well.				
Instance Description	The employer did not label products containing asbestos, in that steel fire doors containing asbestos were not so labeled. Employee (b) (6) removed steel fire doors on December 11 through 13, 2006 by removing them from their hinges or cutting the hinges from the door. No door shells were cut or breached in the process and the insulation inside was undisturbed. Some doors were completely sealed and others had small openings in the top or bottoms. The door that I sampled had intact and undisturbed insulation visible through a small opening in the top. The insulation contained 45 percent chrysotile by laboratory analysis.				

	Employee: (b) (6)		
Photos	Yes	Photos	3
Photo List	Photos 5, 7, 8		
Severity			
Probability			
Good Faith			
History			

Enforcement Sampling Information*Top*

Inspection Number / Program	Triggering Activity	UBI / Bus Loc	Account Number
310608815 / Health	202501862	602306468 / 884570	90805306
Establishment DBA / Legal Name	Assignment Type / Site Region	CSHO ID / CSHO Region	
ETHAN CONSTRUCTION LLC / ETHAN CONSTRUCTION LLC	Referral / 1055320	X5979 / 1055320	
Sample ID	Sample Date	Employee/Source	Job Title
428968788	12/14/2006		Bulk
		Sampling Form Type	
		Air Sampling	

Sample Number: 428968788

Consultant Taking Sample	Sample Date	Sampling Type	Employees Exposed	Frequency	Sample Ship Date
X5979	12/14/2006	Air Sampling	10	8 hours/day	12/15/2006
Employee Name	Job Title	Job Description	Sample Source	Sample Result Date	
	Bulk			12/15/2006	

Exposure Summary

Substance Code	Analysis Requested	Sample Type	Exposure Type	Exposure Level	Units	PEL/Adjusted	Additive	Severity	Hazard Informa
9020	L	B		0		0 / No	No	0	Othe
ASBESTOS (ALL FORMS)									

Tessier, Alice (LNI)


From: Tessier, Alice (LNI)
Sent: Friday, February 16, 2007 11:06 AM
To: Williams, Beth A. (LNI)
Subject: RE: Ethan construction

Thanks Beth, I'll make that correction for 310608815.

From: Williams, Beth A. (LNI)
Sent: Friday, February 16, 2007 10:59 AM
To: Tessier, Alice (LNI)
Subject: Ethan construction

The site address should be 3100 Airport Way S., Seattle, Wa 98134. Thanks, Beth

310608815

Washington Department of Labor and Industries Region 2 - Seattle Office			
Inspection Information		Inspection Number	310608815
Establishment Name	Ethan Construction LLC	CSDH ID	X5979
Address	3100 Airport Way S Seattle, WA 98134	UBI Number	602306468

Jules

Narrative Summary

JAN 04 2007

IMIS-QA

Background: Ethan Construction (Ethan) is a construction company located at 3100 Airport Way South in Seattle. Ethan is owned by some of the same partners as Rainier Commons LLC which owns the former Rainier Brewery site and leases approximately a third of the site to Tully's Coffee and is in the process of developing the rest of the site. On December 14, 2006 an anonymous referral was received at the Seattle L&I office alleging asbestos containing materials (ACMs) were being removed by workers who have not been trained or provided proper equipment. Improper disposal of the materials was also alleged. As a result of the referral an inspection was opened with Ethan on December 14, 2006.

Opening Conference: I held the opening conference on December 14, 2006 with Eitan Alon. I explained what WISHA was and the purpose of and reasons for the inspection. We were then joined by project manager John Jack, discussed the door removal and the alleged ACMs and then went to the construction site to determine the validity of the allegations.


Walk Around: Mr. Alon and Mr. Jack accompanied me on the walk through of the site on December 14, 2006. We went first to the construction office on the 200 level and then went through the 200 level looking at doors and doorways that had had doors and doorframes removed. We went up to the 400 level and out the back of the brewery building to a large construction skip (dumpster). There were several doors in the skip and one steel door on the ground nearby. This door had an opening on one end near the hinge and paper insulation was visible through this opening. The paper appeared to be PACM (potentially asbestos containing material and was old and gray, somewhat thick, and completely intact. I took a sample (B01-12-14-06) from the portion accessible through the opening. At this point I told Mr. Alon and Mr. Jack that they should stop removing doors and keep the doors already removed on site until we could determine if they contained asbestos.

We returned to the construction office where I called my supervisor, Sherry Baron for advice. She consulted with John Stebbins of DOSH Technical Services and informed me that the recent Good Faith Survey (GFS) was inadequate if it did not include the doors and that we needed sample results before they could continue removal or dispose of the doors. I then interviewed (b) (6), lead laborer who stated that the doors were removed by popping the hinges, or if this was not possible by cutting the hinges using a grinder. The doors were not cut open, only the hinges were cut. The doors were set aside and some taken up the 400 level and put in the dumpster. None of the doors had been removed from the site yet. (b) (6) had 2 hour asbestos awareness training when he was hired last summer. He had not realized that the doors could contain asbestos, but

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310608815

Washington Department of Labor and Industries			
Region 2 - Seattle Office			
Inspection Information		Inspection Number	310608815
Establishment Name	Ethan Construction LLC	CSTIC ID	X5979
Address	3100 Airport Way S Seattle, WA 98134	UBI Number	602306468

a welder employed by a subcontractor told him they did earlier in the week. This information was transmitted to Conan Gale who told Mr. Jack. According to Mr. Gale he understood that the concern was about asbestos gaskets in the doorframes and that is what he told Mr. Jack. They contacted their environmental consultant, Conrad Vernon, who had commissioned the GFS last summer. He stated that if it was not on the survey it was very unlikely that there was any asbestos in the doorframes. As a result, Mr. Jack had the crews continue their work. Until I arrived, none of the management team was aware that the doors were what were concerning the welder.

Sampling: The results of laboratory analysis of sample B01-12-14-06 showed that there was 45% chrysotile in the material sampled.

Closing Conference: I held a closing conference with John Jack on December 28, 2006. I covered all of the points of the closing conference.

Proposed Citations:

General Citations:

WAC 296-62-07721(2)(c)(ii)(B): Before work under this standard was performed the employer did not communicate to employees who performed such work the hazards concerning asbestos exposure.

WAC 296-62-07721(6)(a): The employer did not label products containing asbestos, in that steel fire doors containing asbestos were not so labeled.

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RCLLC 0000781

310608815

Enforcement Inspection Information

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Inspection Number / Program	Triggering Activity	UBI / Bus Loc	Account Number
310608815 / Health	202501862	602306468 / 884570	90805306
Establishment DBA / Legal Name		Assignment Type / Site Region	CSHO ID / CSHO Region
ETHAN CONSTRUCTION LLC / ETHAN CONSTRUCTION LLC		Referral / 1055320	X5979 / 1055320
Primary SIC/NAICS		Primary SIC/NAICS Description	
1522 / 236118 JAN 04 2007		GENERAL CONTRACTORS - RESIDENTIAL BLDGS, OTHER THA / RESIDENTIAL REMODELERS (PT)	
Site SIC/NAICS		Site SIC/NAICS Description	
1522 / 236118 IMIS QA		GENERAL CONTRACTORS - RESIDENTIAL BLDGS, OTHER THAN SING / RESIDENTIAL REMODELERS (PT)	
Site Address	Mailing Address	Other Company Info	
ETHAN CONSTRUCTION LLC 1046 1st Ave S Seattle, WA 98134	ETHAN CONSTRUCTION LLC 3100 Airport Way S Seattle, WA 98134	Business Phone: Site Phone: Legal Entity: Limited Liability Corp	

Representatives				
Name	Title	Participation	Type	Email
Eitan Alon	Chief Operating Officer	Opening Conference, Walk-Around	Management Official	
John Jacks	Project Manager	Opening Conference, Walk-Around	Management Official	
Related Activities				
OSHA Number		Type		
202501862		Referral		
Advance Notice	Opening Conference Date/Time	Site SIC/NAICS	Type of Operation	
No	12/14/2006 - 9:05 AM	1522 / 236118	Construction	
Inspection Type	Days Site Visited	Inspection Scope	Reason No Inspection	
Referral	1	Partial		
Local Emphasis Program		Special Tracking Information		
Multi-Employer Controlling Inspection Number	Focused Inspection: Controlling Employer	Focused Inspection: Sub-Contractors	Employers On Site	
	No	No		
Immediate Restraint	Red Tag Number	Union		
No		No		
Employees Covered By				

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Employees On Site		Inspection		Employees Controlled Statewide	
20		10		25	
Employee Participation		Closing Conference Date		Citation Issued/Date	
Interviewed		12/28/2006		No	
Citation and Notice Messages					
Route to P&TS		Reason		Other Reason	
No					
Anticipatory Warrant/ Subpeona Served		Non-Anticipatory Warrant/ Subpeona Served		Date Denied	Date Re-entered
None		None			
OSHA 300 Data				OSHA Log Information	
Data Checked But Not Recorded				0	
Year	Hours Worked By All Employees			DART Rate	
	0			0.00	
CSHO Approved Date		Supervisor Approved Date		Send C & N?	
12/28/2006		12/29/06		Yes	

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310608815

Enforcement Violation Information[Top](#)

Inspection Number / Program		Triggering Activity		UBI / Bus Loc		Account Number	
310608815 / Health		202501862		602306468 / 884570		90805306	
Establishment DBA / Legal Name				Assignment Type / Site Region		CSHO ID / CSHO Region	
ETHAN CONSTRUCTION LLC / ETHAN CONSTRUCTION LLC				Referral / 1055320		X5979 / 1055320	

Violation	Item	Group	Type	Standard	Penalty	Instances	Abatement Days/Date	Date Corrected
1	1		G	296-62-07721(2)(c)(ii)(B)	0.00	1		12/14/2006
1	2		G	296-62-07721(6)(a)	0.00	1		12/14/2006

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310608815

Division of Occupational Safety & Health
MS: 44600

INSPECTION WORKSHEET (1A)

Inspection # <u>310608815</u>	CSHO ID (s) <u>X 5979</u>	UBI <u>602308468</u>	Date of Entry <u>12/14/2006</u>	Time of Entry <u>9:05</u>
Type of operation <u>Construction</u>		Legal Entity/Ownership <u>LLC</u>		
Employer name <u>Ethan Construction</u>		EEs in estab <u>10</u>	EEs covered by inspect <u>5</u>	EEs in WA <u>10</u>
Site address <u>3100 Airport Way S</u> <u>Seattle WA 98134</u>		Mailing Address <u>Same</u>		
Email				
Site Phone <u>(425) 351 1467</u>	Business Phone <u>206</u>	Fax	Present Credentials <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Request EE rep(s) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Consent statement.

My name is Rubio. I am an inspector for the State of Washington, Dept of Labor & Industries. I am here to conduct a health and/or workplace safety inspection. (Show L&I credentials) May I have your permission (or consent) to perform the inspections? If yes, proceed. If no, state denial verbage in this space.

yeah

If, and only if, the owner or his/her authorized representative does not affirmatively respond to the above requests for consent to inspect, the inspector will then state, "thank you, the state may seek a warrant for entry upon and inspection of the premises from a court of competent jurisdiction and such a warrant may be issued to permit me to conduct the inspection."

Employer rep: _____

Entry refused by _____ Date _____ Time _____ Reason _____

Name	Title	OC	WA	CC	Name	Title	OC	WA	CC
Employer reps					Employee reps				
<u>Eitan Alon GM</u>		<u>X</u>	<u>X</u>						
<u>John Jack Project Mgr</u>			<u>X</u>	<u>X</u>					

Employees interviewed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Union <u>①</u>	Local #
How many? <u>①</u>	Address	Phone

Opening Conference - Date: 12/14/06 Time: 9:05

Closing Conference - Date: 12/28/06 Time: 11:05

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> State purpose of visit
<input checked="" type="checkbox"/> Provide copy of complaint/referral
<input checked="" type="checkbox"/> Explain WISH Act & DOSH
" Compliance role
<input checked="" type="checkbox"/> Availability of standards, posters, logs
<input checked="" type="checkbox"/> Confidentiality of trade secrets
<input checked="" type="checkbox"/> Explain walk-around procedure
" Request written programs and log <u>NA</u>
" Interview employees in private
" First aid
<input checked="" type="checkbox"/> Discrimination against EEs
<input checked="" type="checkbox"/> Walk-around pay
<input checked="" type="checkbox"/> Closing conference will be held
<input checked="" type="checkbox"/> Inquire of safety requirements for inspector | <input checked="" type="checkbox"/> Discuss hazards observed
" Proposed violations & their severity
" Penalties may be assessed <u>NA</u>
" Subject to further review <u>done</u>
" Set reasonable abatement periods
" Explain extension of abatement
<input checked="" type="checkbox"/> Advise citation/results will be issued
<input checked="" type="checkbox"/> Must be posted
<input checked="" type="checkbox"/> Explain proof of corrections requirement
" Variances
<input checked="" type="checkbox"/> Appeals rights (15 working days after receipt)
<input checked="" type="checkbox"/> Results of failure to correct
<input checked="" type="checkbox"/> Availability of consultation and risk management services after abatement period |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Shape sheet included
☐ Yes ☒ No

State worksheet included
☐ Yes ☒ No

Closing conference highlights included
☐ Yes ☒ No

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310608815

Inspection Number / Program		UBI / BusLoc		CSHO ID / CSHO Region	
310608815 / Health		602306468 / 884570		X5979 / 1055320	
Triggering Activity		Account Number		Assignment Type / Site Region	
202501862		90805306		Referral / 1055320	
Violation #	Item #	Group	Standard Violated		
1	1		296-62-07721(2)(c)(ii)(B)		
Type	Number of Instances	Number of Workers Exposed	Related Event Code	Previous Inspection # (for repeat or FTA)	
G	1	8			
Abatement # of Days/Date	Immediate Restraint	Egregious	Substance	Abatement Documents Required	
	No	No		No	
Date Corrected	Complied During Inspection	Date Verified	How Verified	Date/Time Violation Identified	
12/14/2006	Yes	12/14/2006	Employer Abated	12/14/2006 9:05 AM	
Statutory Penalty	Asbestos Good Faith	Asbestos # of Days	Severity	Probability	
No	No				
Gravity	Calculated Base Penalty	Faith Code/Adj	History Code/Adj	Size Code/Adj	
		0	0	0	
Adjustment Subtotal	Adj. Base Penalty	Factor Type/Number	Calculated Penalty	Assessed Penalty	
0.00	0.00		0.00	0.00	
AVD	Before work under this standard was performed the employer did not communicate to employees who performed such work the hazards concerning asbestos exposure.				
Message	This violation was corrected at the time of inspection.				
How Complied	Employees were informed that steel doors could contain asbestos insulation and all steel doors would be treated as if they were.				
Instance Description	Before work under this standard was performed in areas containing asbestos containing material, the employer did not communicate to employees who performed such work the hazards concerning asbestos exposure. Employee (b) (6) removed steel fire doors on December 11 through 13, 2006 by removing them from their hinges or cutting the hinges from the door. No door shells were cut or breached in the process and the insulation inside was undisturbed. Some doors were completely sealed and others had small openings in the top or bottoms. The door that I sampled had intact and undisturbed insulation visible through a small opening in the top. The insulation contained 45% chrysotile by laboratory analysis.				

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310608815

	Employee: (b) (6)		
Photos	Yes	Photos	3
Photo List	Photos 5, 7, 8		
Severity			
Probability			
Good Faith			
History			

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310608815

Inspection Number / Program		UBI / BusLoc		CSHO ID / CSHO Region	
310608815 / Health		602306468 / 884570		X5979 / 1055320	
Triggering Activity		Account Number		Assignment Type / Site Region	
202501862		90805306		Referral / 1055320	

Violation #	Item #	Group	Standard Violated		
1	2		296-62-07721(6)(a)		
Type	Number of Instances	Number of Workers Exposed	Related Event Code	Previous Inspection # (for repeat or FTA)	
G	1	8			
Abatement # of Days/Date	Immediate Restraint	Egregious	Substance	Abatement Documents Required	
	No	No		No	
Date Corrected	Complied During Inspection	Date Verified	How Verified	Date/Time Violation Identified	
12/14/2006	Yes	12/14/2006	Employer Abated	12/14/2006 9:05 AM	
Statutory Penalty	Asbestos Good Faith	Asbestos # of Days	Severity	Probability	
No	No				
Gravity	Calculated Base Penalty	Faith Code/Adj	History Code/Adj	Size Code/Adj	
		0	0	0	
Adjustment Subtotal	Adj. Base Penalty	Factor Type/Number	Calculated Penalty	Assessed Penalty	
0.00	0.00		0.00	0.00	
AVD	The employer did not label products containing asbestos, in that steel fire doors containing asbestos were not so labeled.				
Message	This violation was corrected at the time of inspection.				
How Complied	All steel doors removed from hinges labeled as asbestos containing. All steel doors in place labeled as well.				
Instance Description	<p>The employer did not label products containing asbestos, in that steel fire doors containing asbestos were not so labeled. Employee (b) (6) removed steel fire doors on December 11 through 13, 2006 by removing them from their hinges or cutting the hinges from the door. No door shells were cut or breached in the process and the insulation inside was undisturbed. Some doors were completely sealed and others had small openings in the top or bottoms. The door that I sampled had intact and undisturbed insulation visible through a small opening in the top. The insulation contained 45% chrysotile by laboratory analysis.</p> <p>Employee:</p>				

000010

	(b) (6)			
Photos	Yes	Photos	3	
Photo List	Photos 5, 7, 8			
Severity				
Probability				
Good Faith				
History				

Enforcement Sampling Information*Top*

Inspection Number / Program		Triggering Activity	UBI / Bus Loc	Account Number
310608815 / Health		202501862	602306468 / 884570	90805306
Establishment DBA / Legal Name			Assignment Type / Site Region	CSHO ID / CSHO Region
ETHAN CONSTRUCTION LLC / ETHAN CONSTRUCTION LLC			Referral / 1055320	X5979 / 1055320
Sample ID	Sample Date	Employee/Source	Job Title	Sampling Form Type
428968788	12/14/2006		Bulk	Air Sampling

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310608815

Sample Number: 428968788									
Consultant Taking Sample	Sample Date	Sampling Type	Employees Exposed	Frequency	Sample Ship Date				
X5979	12/14/2006	Air Sampling	10	8 hours/day	12/15/2006				
Employee Name	Job Title	Job Description			Sample Source	Sample Results Date			
	Bulk					12/15/2006			
Exposure Summary									
Substance Code	Analysis Requested	Sample Type	Exposure Type	Exposure Level	Units	PEL/Adjusted	Additive	Severity	Hazard Information
9020	L	B		0		0 / No	No	0	Other

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Air Sampling Report

U.S. Department of Labor
Occupational Safety and Health Administration

310608815



MOD	Date	1. Reporting ID	2. Inspection Number	3. Sampling Number
	12/14/06	1015320	310608815	428968788

4. Establishment Name ETKAN Construction UB # 602306468

5. Person Performing Sampling (Signature) [Signature] 6. CSHO ID X5979 7. Sampling Date 12-14-2006 8. Shipping Date

9. Employee (Name, Address, Telephone Number)

13. Exposure Information a. Number 8 b. Duration Shirley/2da

c. Frequency

Bulk 400 level by dumpster

14. Weather Conditions Windy 15. Photo(s) (Y)

10. Job Title Location: 3100 Airport Way S, Seattle, 98134 11. Occupation Code

12. PPE (Type and Effectiveness)

16. Pump Checks and Adjustments

17. Job Description, Operation, Work Location(s), Ventilation, and Controls

18. Pump Number: Asbestos Cont'd.

19. Sample Type/Media Bulk Sampling Data

20. Filter/Tube No.

21. Sample Submission No. Bp1-12-14-06

22. Time On/Off

23. Total Time (in minutes)

24. Flow Rate ☐ l/min ☐ cc/min

25. Volume (in liters)

26. Net Sample Weight (in mg) 45% Chrysotile

Exposure Summary

27. Line No.	28. Substance Code	29. Reqstd.	30. Smpl. Type	31. Exp. Type	32. Exposure Level	33. Units	34. PEL	35. Adj.	36. Severity	37. Citation Information							
										No Cit.	FTA	Over Exp.	Eng.	PPE	Trng.	Med.	Other
1.	9020		B		=	-	-			X							
2.																	
3.																	
4.																	

38. Additives (Enter Line Numbers for those agents contributing to additive effect.)

39. Total Number of Lines (27)

40. Date Results Received from Laboratory

Case File Page

00001

OSHA 91(S) (Rev. 1/84)

RCLLC 0000791

Leo, Robert (LNI)

310608815

From: Harding, Debra (LNI)
Sent: Tuesday, December 19, 2006 11:01 AM
To: Leo, Robert (LNI)
Subject: Sample Receipt Notification for Inspection Number 310608815

Customer Sample Receipt

12/19/06 Inspection #: 310608815 Batch #: 8207

Company Name: Ethan Construction LLC

Hygienist: Robert Leo

Date Received: 12/19/06

RUSH: No

of QCs: 1

of Bulks: 1

Total # of Samples: 2

Media: 200 Bulk

Tests: Cellulose, Fiberglass, Synthetic , Othr Fiber
 , Actinolite, Anthophyll, Chrys, Crocidolit
 , Amosite, Tremolite, Acid Non-F, Mica Non-F
 , Othr Non-F, Chrys-XRD, Amosit-XRD, Crocid-XRD

Sample Numbers Assigned: 06-A004247 through 06-A004248

Report Target Date: 12/26/06

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STATE OF WASHINGTON
Department of Labor and Industries
Division of Consultation and Compliance
Industrial Hygiene Laboratory

310608815

Sample Report for Inspection No. 310608815

Sampling Date: 12/14/06

Received Date: 12/19/06

Result report date: 12/21/06

Batch No: 8207

Employer Info:

Ethan Construction LLC

Employee Info:

Inspector Name: Robert Leo

Sample ID: b01

LAB ID Number: 06-A004247

Bulk

Test	Results & Units	Comments	QL
Cellulose	10. %		1.00
Chrysotile	45. %		1.00
Othr Non-Fibrous Material	45. %		1.00

NOTE: Results are Approximate.

Note: Results pertain only to samples reported.

All analytical documentation, including chain of custody,
is maintained at the IH Laboratory.

Reviewed By: _____ Date: _____

Phil Peters, Laboratory Manager

Approved By: _____ Date: _____

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RCLLC 0000793

STATE OF WASHINGTON
Department of Labor and Industries
Division of Consultation and Compliance
Industrial Hygiene Laboratory

310608815

Sample Report for Inspection No. 310608815

Sampling Date: 12/14/06

Received Date: 12/19/06

Result report date: 12/21/06

Batch No: 8207

Employer Info:

Ethan Construction LLC

Employee Info:

Inspector Name: Robert Leo

Sample ID: qcl

LAB ID Number: 06-A004248

QC

Test	Meas. Val.	Theor Val.	% Recovery	QA Criteria		Analyst
				Min	Max	
Chrysotile		5. %			1.00	
Acid Non-Fibrous Material		25. %			1.00	
Othr Non-Fibrous Material		70. %			1.00	

Comments:

Met QC criteria.

Note: Results pertain only to samples reported.

Page: 2 of 2

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RCLLC 0000794

310608815

12.14.06

~~206~~. 425.351.1467

John Jacks

John Jacks -

Removing doors off hinges -
Steel doors removed from frames
& Frames removed & all replaced

Went to bldg area where doors are being removed - photos.

Then went to east side of bldg 400 level
& checked dumpster -
Steel door by dumpster has gray fibrous

3. Baran:

Issues: 1) Survey inadequate? Doors not in it.
2) disposal - not yet.
3) Sample - quick turnaround to allow work to continue - Lab/NVL?

Conin called John Tuesday night about PARM in doors. Conrad Vernon was called & said not asbestos sealed

Conin thought he was dealing w/ gaskets in door frames not insides of doors

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310608815

12-19-04

Ethan needs to do a NEA with factual data. Need a qualified person (competent - CIH or CAS) to put in writing - what shape doors are in & possibility of workers being impacted

62 07727(2)(a) & (b)

They can bag them. Need a PSCA permit

12-28-04 Closing Conference

Ethan stuck in meeting - John back - had a meeting of all execs & subs - crazy limit of asbestos - must notify him & Ethan - No more rumors. Both violations abated - gave me new asbestos plan for Brewery - all doors removed & bagged. ~~Have~~ applied for PSCA permit with dispose properly.

Have one asbestos - PACU - concern Elevator, only one left - will be replaced - asked about doors - they will assume asbestos & treat as such - I reminded them to label them. Mentioned PSCA in brakes - they said elevator removal company put on notice - could be SCM anywhere.

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(b) (6)

Ethan Court. 12.14.2004

Lead Laborer

Was worked for Ethan Court for (b) (6)
Lead for laborer: Uses torches, plasma cutting,
w/ all types of construction.

Doors: Metal framed doors, doors
are popped of hinges or hinges are cut w/ grinder
- do not cut into the door. (b) (6) takes door
jambes out - using torch & plasma cutter
grinder, sawzall, ~~uses~~ w/ metal cutting blades.
Several employees involved in door removal
Doors - Solid steel into metal dumpster
wood into dumpster. Removed on Monday
through Wednesday.

Metal doors have gray paper. (b) (6)
was told by Dave Wilcox that it was
asbestos. Didn't go to John because he
thought he knew.

(b) (6) is a welder for D&J Welding (sub)
He talked with Conin about the doors
& Conin already knew it would be abated
before demo.

Asbestos awareness training in first month of
employment.

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RCLLC 0000797

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Washington State Department of
Labor and Industries

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- ☐ Research
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Asbestos Abatement Project Form

Printable View

Dept. of Labor & Industries, Division of Occupational Safety & Health

Asbestos Project Notification Form

Form ID: 3075##1394Brads426851

Amend this form

Notice Date: 12/14/2006

Start Date: 1/2/2007

Completion Date: 1/2/2007

Status: Initial

Site Work Hours: 7A - 3P

Site Work Days:

Monday
Tuesday
Wednesday
Thursday
Friday

Contractor: Bradshaw Enviromental Resource, INC

Job Site C.A.S.: ROXANNE BRADSHAW

Your e-mail address:

Contractor Phone Number: 2063548995

Property Owner

Name: ETHAN CONSTRUCTION

Owner's Agent: ETHAN ALON

Company: ETHAN CONSTRUCTION

Address: 3200 AIRPORT WAY S

City: SEATTLE State: WA Zip+4: 98104

Phone: 2068981561

Job Site

Address: 3200 AIRPORT WAY S

Building Name: BLDG 1, 2, 3, 4, 5, 6 7, 8, 21, 25

Room:

City: SEATTLE

Zip + 4: 98104

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County: King

310608815

Facility

Type: COMMERCIAL

Age: 1943

Size: 500,000

Type of activity: RemodelRepairMaintenance

**Quantity of Asbestos to Be RemovedEncapsulated Outdoors
Indoors**

Quantity: 4500 square feet

Fireproofing
Boiler insulation
Popcorn ceiling
Duct paper
CAB
VAT
Sheet vinyl
Roofing
Asbestos paper
Other:MASTIC

Quantity: 950 linear feet

Mag. pipe insulation
Cement asbestos pipe
Air cell pipe insulation
Mudded pipe ins.
Ducting/duct insulation

Control Measures

Neg. pres. enclosure
Wrap & cut
Glove bag
Wet methods
Mini enclosure
HEPA vacuum
Critical barriers
Manual methods

Respiratory Protection

1/2 mask APR
Type C continuous flow
Type C pressure demand

Comments:



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310608815

**RAINER COMMONS
ASBESTOS ABATEMENT
HEALTH & SAFETY PLAN**

Submitted To:

**Ethan Construction
3200 Airport Way South
Seattle, WA 98104**

Prepared By:

**Bradshaw Environmental Resources, Inc.
2328 Tacoma Avenue South
Tacoma, WA 98402-1408**

Roxanne Bradshaw, President

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RCLLC 0000800

310608815

1.0 INTRODUCTION

This site-specific asbestos abatement health & safety plan presents the methods and procedures that Bradshaw Environmental Resources, Inc. (BER) will employ in the removal of asbestos containing building materials (ACBM) in the Rainer Commons, Seattle. WA. The project intent is removal of limited ACBM prior to renovations by others.

2.0 SCOPE OF WORK

BER's understanding of the scope of work to be completed is summarized as follows:

ASBESTOS WORK

- BER will file and pay fees for the PSCAA Notice of Intent to Perform Asbestos Abatement project and the Department of Labor and Industries intent to Remove Asbestos permit – 10 days prior to the start of work.
- Attend a pre-construction conference with the involved parties.
- BER will establish a regulated area in each work area to abate the materials in the rooms.
- BER to provide exposure air monitoring during abatement work and post at site as required by the regulatory agencies.
- BER will be supervising the removal and encapsulation of all fire doors. The doors will be taken off hinges by (2) two laborers and laid onto a double layer of 6 mill poly and sealed with duct tape then labeled for disposal. The doors will then be placed in a locked room until transported to the disposal site.
- Dispose of abatement materials as ACBM at Rabanco.

3.0 SCHEDULE

The owner's representative referencing their schedule for when our work is to be performed will coordinate BER's work.

4.0 SURVEY OF WORK

Prior to abatement in any area the owner, the consultant and BER will be in agreement on the following items:

- Scope and Limits of work.
- Shutdown of electrical, HVAC and other utilities in work area.

5.0 ASBESTOC ABATEMENT PROCEDURES

BER will utilize the following types of enclosures in preparation of the site for abatement activities to remove asbestos in a safe manner, control fiber release and insure adequately wet removal.

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1. Mini-Enclosure
2. Regulated Full Negative Pressure Enclosure
3. Regulated Non-Contained Enclosure with Critical Barriers

6.0 PREPARATION OF ENCLOSURES

Mini-Containment

Mini-containment will use for small work areas of floor sheeting and other ACBM as deemed necessary.

Containment will be constructed around the immediate work area of the material to be removed. The containment will be constructed of a rigid frame with 6 mil critical barriers and flaps. A separate decon area will be constructed. Floors will be covered with 6mil poly sheeting.

A HEPA filtration unit will be connected to the work area and exhausted outside.

Proper signage will be placed at the entrance of the work area. Fire exits will be established and maintained during the abatement activities.

Regulated Full Negative Pressure Enclosure

Full negative pressure enclosure will be used for full scale.

Containment will be constructed with 2 layers of 6 mil poly on the floor and 2 layers of 6 mil poly on the walls, 3 stage decon will be in place for workers and 2 stage decon for material and equipment. Neg air machines will ensure that pressure in the enclosure is maintained at .02 column inches of water pressure differential relative to outside pressure.

Before beginning work within the enclosure and at the beginning of each shift, NPE must be inspected for breeches and smoke tested for leaks and any leaks sealed.

Regulated Non-Containment Areas

Regulated non-containment areas will be used for windows and other non-friable materials.

Barrier tape and warning signs will delineate the regulated area. The area will be physically defined that include ACBM to be abated. Critical barriers of 6 mil poly will be placed on ventilation grills. HVAC will be locked out.

Proper signage will be placed at the entrance and limits of the work area. HEPA units will be placed in the immediate work area to scrub the air and will be exhausted to the outside.

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6.0 SITE ACCESS

Worker and visitor procedures: The owner is hereby advised that asbestos has been determined to be a cancer causing agent. BER will provide its workers and visitors with respirators, personal protective equipment (PPE) including: protective clothing, hard hats, goggles, appropriate footwear and other protection deemed necessary. The site will be restricted to authorized visitors and workers only.

A warning sign will be at each entrance to the work area:

DANGER

ASBESTOS

CANCER AND LUNG DISEASE HAZARD

AUTHORIZED PERSONNEL ONLY

RESPIRATORS AND PROTECTIVE CLOTHING ARE REQUIRED IN THIS AREA

7.0 ABATEMENT WORK METHODS

Removal in Mini-Containment

Establish the enclosure as described above in PREPARATION OF ENCLOSURE. Wet the ACBM to be removed until it is adequately wet. Carefully, cut or remove the ACBM from the substrate surface and place into disposal bag. Continue misting to insure that material is adequately wet and to reduce emissions. Do not allow materials to remain on floor, clean up disturbed materials as soon as possible. Scrub the remaining substrate surface to remove ACBM.

Removal Methods using Glove Bag Procedures (if required by change order work)

Establish the regulated non-containment work area as described above in PREPARATION OF THE ENCLOSURE. Use a two-worker team to perform glove bag activities. Install the glove bag per manufacturer's instructions and guidelines. Insert wand from garden sprayer through water sleeve and spray pipe or fitting insulation. Smoke test bag. Add adequately wet material. Carefully cut with placed tools a 3 foot maximum section of pipe. Scrub exposed surface of the pipe with a brush. Seal exposed ends of insulation not removed with encapsulant. Remove tools and then collapse the bag, twist and tape to secure. Remove glove bag and place in proper disposal bag. Only experienced workers should perform glove bag operations.

Removal Methods in regulated, non-contained work areas

Establish a regulated, non contained work area as outlined above in PREPARATION OF THE ENCLOSURE. Provide an area for tool and PPE cleaning and waste preparation. Area may require the non-ACBM demolition of walls, particians and other obstruction to access the

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ACBM, Remove ACBM materials such as: CAB. ACBM materials by wet manual methods. After removal the sub straight should be cleaned and the area vacuumed or mopped.

8.0 ABATEMENT BY ITEM

Work for these materials will have to be completed in a regulated non-containment area and the workers will be utilizing half face respirators at a minimum. Protective clothing will be worn. It will be removed, labeled and disposed of as ACBM.

9.0 DECONTAMINATION

Removal of gross ACBM is integral with the performance of abatement work and as such the procedures are specified in the appropriate work sections of this AHAP. Decontamination will proceed after the gross abatement is complete.

Dispose of the removed demolition materials as asbestos waste. Remove decontaminated HEPA units and tools from the area. Provide cleaning of the area after all materials and equipment is removed.

Perform a complete visual inspection of the entire work area to ensure that all visible ACBM has been removed. Any small quantities of residual material found after the removal of poly sheeting will be removed by a HEPA filtered vacuum cleaner.

10.0 DISPOSAL

All ACBM material removed will be wetted down and placed in 6 mil bags or "mega boxes" properly labeled, tape closed and then taken to a bagging area for cleaning. Material will be labeled before leaving the work area and material will be transported from the work area to BER van.

Transportation of the dumpster trailer van to the landfill will be accomplished by NTSI. The debris will be taken from the transfer station to the Waste Management Landfill in Arlington, OR.

The ACBM material will be manifested from the site to the landfill. Both daily and at the completion of the project, the consultant will receive a copy of the completed manifest and dump fee receipts.

11.0 AIR MONITORING

Air monitoring, including personal protection samples, will be analyzed by NVL.

Monitoring will be done in accordance with WISHA regulation WAC 296 62-07737 Appendixes "B". WISHA reference method.

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Air monitoring results will be posted daily and submitted at the conclusion of the project to the owner.

12.0 RESPIRATORY / PPE PROTECTION

Cartridge changes shall be made only in areas outside the area in which respiratory protection is being used. Respirators are to be cleaned at the end of every work shift and properly stored in the clean area.

NIOSH approved half-face HEPA respirator are North models and may only be worn while working in a regulated area for ACM materials as designated in the table above. Half-face HEPA respirators may not be used in areas where exposure level is above 1 fiber per cubic centimeter (f/cc).

NIOSH approved full-face air purifying respirator (APR) HEPA respirator are North models and may only be worn while working in a regulated area for ACBM materials as designated in the table above. Full-face APR HEPA respirators may not be used in areas where exposure levels are above 5 f/cc.

NIOSH approved full-face power air purifying respirator (PAPR) HEPA respirator are Racal models and may only be worn when working in a regulated area for ACBM as designated in the table. Full-face PAPR HEPA respirators may not be used in areas where exposure levels are above 10 f/cc.

NIOSH approved full face piece supplied-air respirator operated in a pressure-demand mode equipped with an auxiliary HEPA filter, (Type "C") respirators are both Survivaire and North models and will be used in full negative pressure enclosures or any approved dry removal of asbestos.

Requirements of applicable federal, state and local regulations shall be met or exceeded. Minimum procedures are to be followed regardless of the fiber concentration in the work areas. The following procedures are to be utilized to provide worker protection during the course of this project. Abatement personnel will be required to wear the appropriate personal protective equipment. The selection of the equipment will be based upon the asbestos activity and appropriate safety considerations.

In order to insure the workers personal protection for airborne fibers all material is to be removed adequately wet.

Workers performing asbestos abatement at the site entering a regulated area will wear a respirator equipped with high-efficiency particulate air (HEPA) filter cartridges. A higher level or respiratory protection may be chosen at the worker's discretion. Polypropylene non-woven fabric suits with hoods and booties are required to be worn. Additionally, rubber boots, latex gloves, eye protection, back supports and hard hats are required for workers entering a regulated work area.

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Employees expected to wear air-purifying respiratory protection must be fit tested for the brand and model respirator they will be wearing during work. Fit tests are required to be performed in accordance with the OSHA/WAC standard every six months.

All respiratory protection will follow OSHA Safety and Health Standards 29 CFR 1910.134 and the Performance Abatement Services Respiratory Protection Program found in submittal.

13.0 WORKER CERTIFICATION

All workers are either Certified Asbestos Supervisor or Certified Asbestos Workers. Worker cards are part of the submittal package.

14.0 SAFETY/CONTINGENCY PLAN

The following procedures are too utilized to provide worker protection during the course of this project:

- All material will be removed wet. Extreme care will be used around electrical equipment and to ensure high voltage room is shut down and tagged out.
- Full Face APRS respirators are North.
- Disposable suits will be worn.

All applicable fire, hospital and emergency phone numbers will be posed at or near the clean room. Fire extinguishers will be provided in the work areas. In the case of an emergency, work shall stop and workers will exit the work area.

MEDICAL EMERGENCY PRODEDURES SITE SPECIFIC

1. In case of emergency, proceed to the local room phone at the work site. Emergency numbers will be posed in the clean room. The inside foreman has a two-way radio to the outside lead person.
2. In case of FIRE, use fire extinguishers.

IMMEDIATELY notify the Fire Department (911) of all fires.
EVACUATE all personnel if the fire is not immediately extinguished.

Exit routes have been spray painted with signs and directional arrows to indicate the appropriate exit path.

3. An ELECTRICAL shock hazard exists whenever working with water around power sources.

Lockout electrical system WITH PHYSICAL LOCK prior to abatement; protect all temporary power connections to keep them dry. In case of severe shock,

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IMMEDIATELY contact emergency medical personnel (dial 911) and Fire Department. Turn off power and remove the source of electrical shock.

4. In case of PHYSICAL INJURY due to accident, supply first aid treatment and notify emergency medical personnel. DO NOT MOVE someone who is severely injured. Evacuate workers not assisting the injured so that emergency medical personnel can use their respirators.
5. NOTIFY Project Manager or General Superintendent in case of any injuries.
6. HEAT Stress and dehydration can occur from working in containment with full personnel protection. If you have any of the signs of heat stress or dehydration, exit the work area through the decon unit and get medical help. These signs are: feeling faint or dizzy, nausea, headache, cramps, or heat rash.
7. Water LEAKS are considered emergencies on this project because of the unoccupied nature of the site. A shift Supervisor or his lead person will monitor the areas next to the work area. If leaks are found, abatement work will stop and the leak repaired. If the leak is close to electrical equipment, the Supervisor will notify the building maintenance personnel to shut down the equipment. Once the water is cleaned up and the source of the leak identified and corrected, work may proceed.

ASBESTOS FIBER RELEASE EMERGENCY PROGRAM\

In case fiber counts from personnel monitoring and/or area samples exceed maximum allowable levels, this program is to be implemented. Notify BER immediately when one of the following levels is exceeded.

MAXIMUM ALLOWABLE FIBER COUNTS

AREA/PERSONNEL SAMPLE

MAX ALLOWABLE F/CC

Highest personnel Sample (TWA)	0.10
Inside Regulated Area (Non-contained)	0.10
Inside Full Containment (30 Min. Excursion)	1.00
Outside Work Area	0.01
Negative Air Exhaust	0.01

BER, Inc. PERSONNEL

BER Office
BER Project Designer/Roxanne Bradshaw
BER Superintendent/Anthony Rodriguez

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Be able to give specific information about the location and type of work being performed, the sample, a possible reason for the high level, and a suggestion as to how to correct the problem. Note this information on the Daily Log.

The Project supervisor () is responsible to carry out the following actions:

1. Stop the work in the sample area and have workers exit and follow normal decontamination procedures.
2. Record the specific information detailed above, including the date and time the fiber count was known, and who supplied the air monitoring data.
3. Inspect the containment and repair any holes or tears.
4. Inspect negative air equipment and replace filters.
5. Notify the Superintendent or Project Manager to inform them of the incident.
6. Take necessary corrective measures.

EMERGENCY PROCEDURES

CORRECTIVE MEASURES

1. Have worker(s) suit up, don appropriate respirator and enter containment.
2. Clean the work area where the high fiber count was taken with appropriate method (HEPA vac, wet wipe, etc.).
3. Review removal procedures with worker(s).
4. After the Air Monitoring Technician has the air pumps properly set u, supervise the worker to make sure the procedures are being followed.
5. Stop work when sample(s) has been taken; wait for results. If the sample is within tolerance, continue removal work.
6. If this sample exceeds the maximum allowable limit, stop all work and review procedures with Project Manager and/or Superintendent and the Owner's Representative, if available. Mutually agree upon a course of action to correct the problem, and follow steps 1 through 5.

15. PROJECT CLOSE OUT DOCUMENTATION

At the conclusion of the job BER, Inc. will provide the Owner with a documentation package containing the following items:

- Copies of Certified Worker Cards of all workers.
- Copies of current Medicals of all workers.
- Copies of BER contractor's licenses.
- Copies of the disposal manifest and receipts.
- Daily logs.
- Insurance certificate.

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16.0 SUBCONTRACTORS

None.

17.0 SCHEDULE OF VALUES

The project is of such a small nature that BER will bill at completion of the work.

18.0 RESPONSIBILITIES

Project Manager, Anthony Rodriguez, will be responsible for the supervision day-to-day procedures of the field operation and the safety of the BER workers on this project.

Anthony Rodriguez has extensive asbestos abatement experience and has been in the construction industry for seven years. Anthony has been in a position of managing crews for asbestos abatement for over seven years.

19.0 INTERFACES WITH OTHER TRADES

The interface of our activities with other construction trades will include all the selected contractors for renovation after abatement.

20.0 ASBESTOS ACTIVITY SUMMARY

The following is a list of the sequenced asbestos abatement activities:

- Site Visits
- Submittals to Construction International & POS
- Review of the Submittals
- Pre-construction Meeting
- Establishment of Regulated Areas / Decontamination Units
- Initial Air Monitoring
- Asbestos Abatement
- Air Clearance
- Inspection Check-off
- Disposal Manifest
- Disposal
- Preparation of Final Report

21.0 HAZARDS

Asbestos is a generic term that applies to a number of mineral silicates that are found naturally and are used as building components that can separate into individual airborne fibers. The type of asbestos on this site includes: amosite and chrysotile. Asbestos is a confirmed human carcinogen. Exposure occurs through inhalation of airborne asbestos fibers. Inhalation of asbestos fibers may cause lung cancer and asbestosis, a hardening of the lung tissue, after a lengthy latency period.

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The WISHA (WAC 296-62-7705) PEL for asbestos is a Time Weighted Average (TWA) of 0.1 fibers per cubic centimeter of air as an eight-hour time weighted average.

Physical hazards associated with abatement activities includes: vehicular/construction equipment; eye and skin contact; tripping, slipping and falling; heat stress; electrical shock; physical abrasions and cuts. These and other hazards are addressed in our submittal package.

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CERTIFICATE OF COMPLETION

PRESENTED BY:

COLE AND ASSOCIATES, TRAINING AND CONSULTING, INC.

THIS IS TO CERTIFY THAT

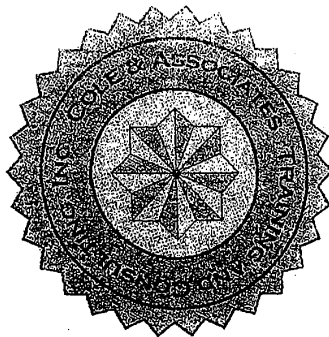
(b) (6)

HAS SUCCESSFULLY COMPLETED THE

ASBESTOS PROJECT DESIGNER REFRESHER TRAINING COURSE

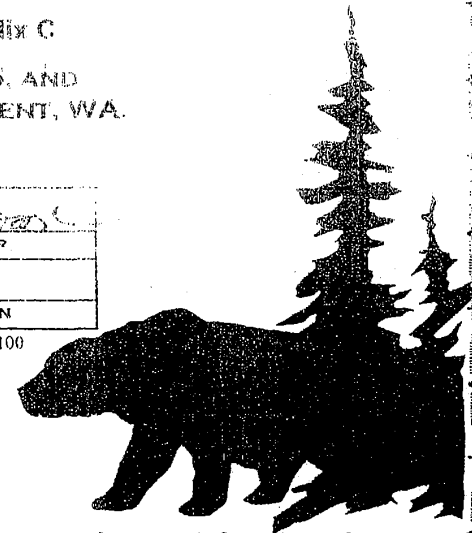
as required by 40 CFR 763, Subpart E, Appendix C

STARTING ON THURSDAY, JANUARY 20, 2005, AND
ENDING ON THURSDAY, JANUARY 20, 2005, IN KENT, WA.



<i>Tracya Qualia</i> TRAINING ADMINISTRATOR	<i>Michael P. ...</i> TRAINING DIRECTOR
(b) (6)	1/20/2006
CERTIFICATION NUMBER	DATE OF EXPIRATION

Cole & Associates, Training & Consulting, Inc., 451 SW 10th Street, Suite 100
Renton, WA 98055 (425) 793-5505 Fax (425) 793-5552
1-877-455-BEAR & 1-888-414-8008
www.ctcbear.com



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PHOTO-IDENTIFICATION

Report No. 310608815	Inspection Date December 14, 2006	Inspector ID X5979	Region 2
Name of Employer and Address: Ethan Construction, 3100 Airport Way S, Seattle, WA 98134			



Photo Index No. P0001	
Citation/Item No.	Instance No.
Location of operation 3100 Airport Way S Seattle, WA 98134	
Location of Photographer Construction Office on 200 level	
Photo # <u>1</u> description Construction office door, a typical metal door in the brewery.	

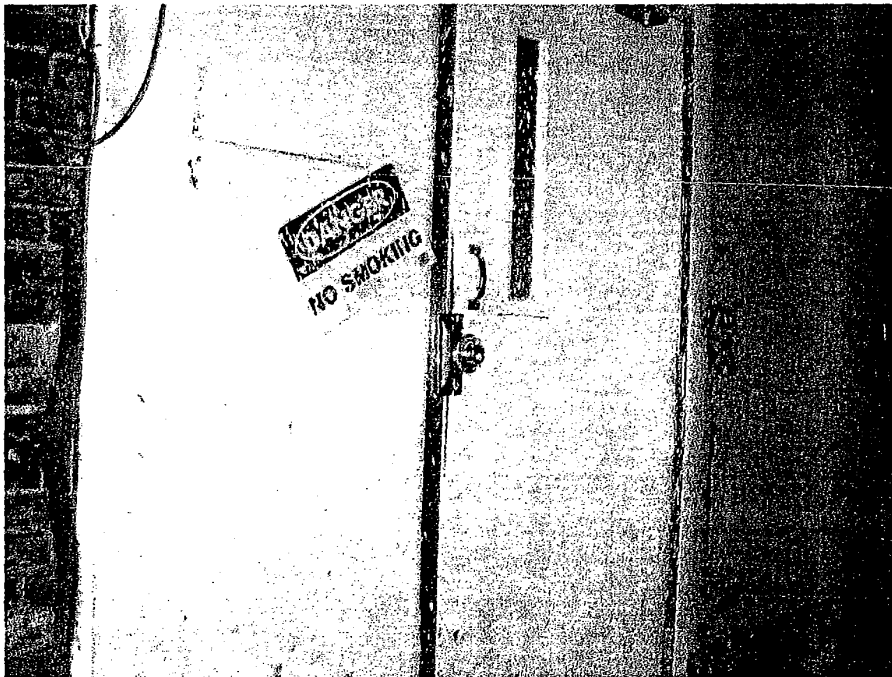


Photo Index No. P0002	
Citation/Item No.	Instance No.
Location of operation 3100 Airport Way S Seattle, WA 98134	
Location of Photographer Hallway outside construction Office on 200 level	
Photo # <u>2</u> description Door to construction office from hallway.	

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PHOTO-IDENTIFICATION

Report No. 310608815	Inspection Date December 14, 2006	Inspector ID X5979	Region 2
Name of Employer and Address: Ethan Construction, 3100 Airport Way S, Seattle, WA 98134			

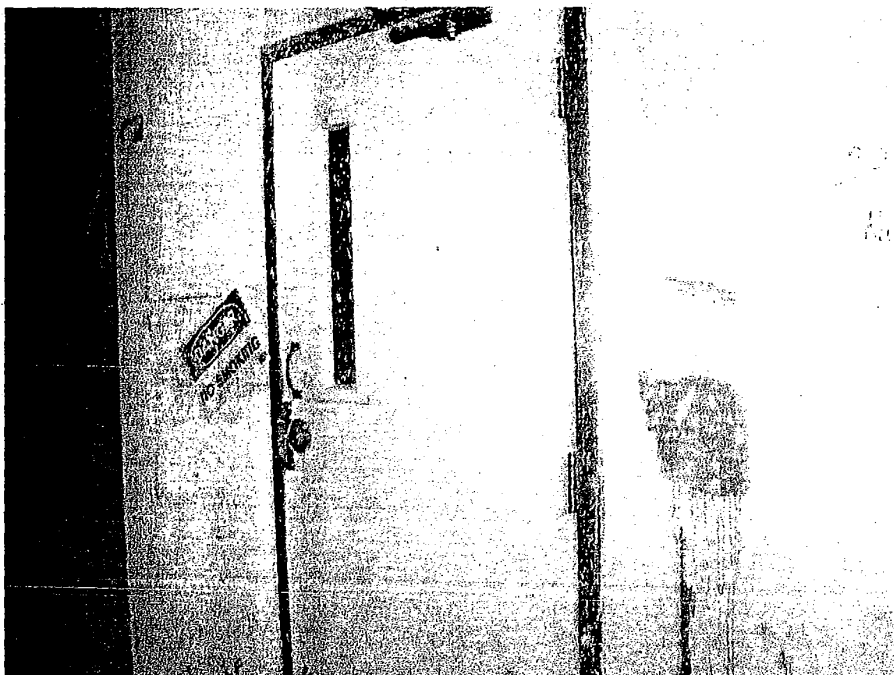


Photo Index No. P0003	
Citation/Item No.	Instance No.
Location of operation 3100 Airport Way S Seattle, WA 98134	
Location of Photographer Hallway outside construction Office on 200 level	
Photo # <u>3</u> description Door to construction office from hallway.	

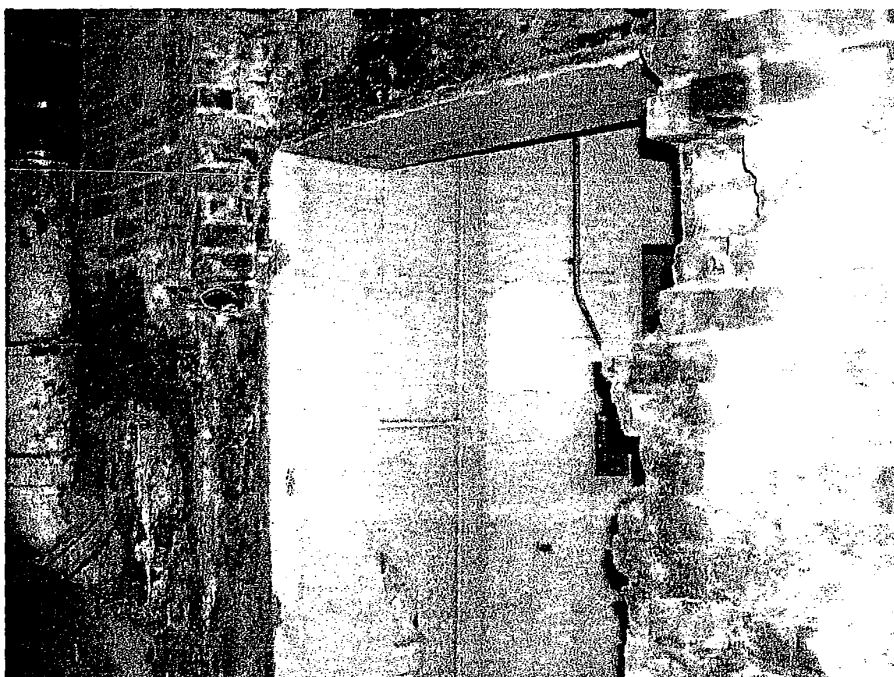


Photo Index No. P0004	
Citation/Item No.	Instance No.
Location of operation 3100 Airport Way S Seattle, WA 98134	
Location of Photographer 200 level	
Photo # <u>4</u> description Doorway with door removed and steel doorframe.	

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PHOTO-IDENTIFICATION

Report No. 310608815	Inspection Date December 14, 2006	Inspector ID X5979	Region 2
Name of Employer and Address: Ethan Construction, 3100 Airport Way S, Seattle, WA 98134			

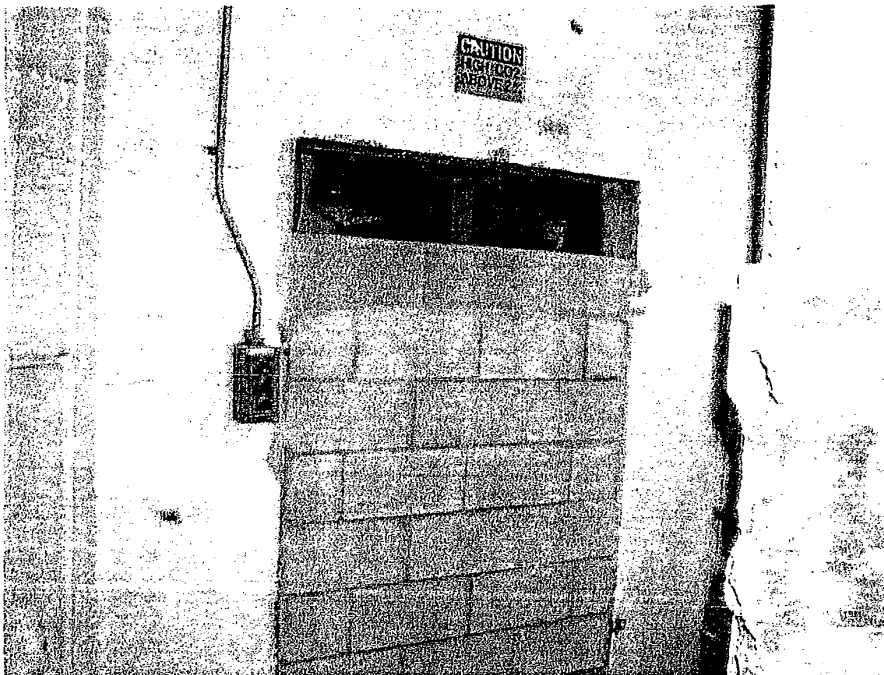


Photo Index No. P0005	
Citation/Item No.	Instance No.
Location of operation 3100 Airport Way S Seattle, WA 98134	
Location of Photographer 200 level	
Photo # <u>5</u> description Doorway with door and doorframe reoved, in the process of being filled in.	

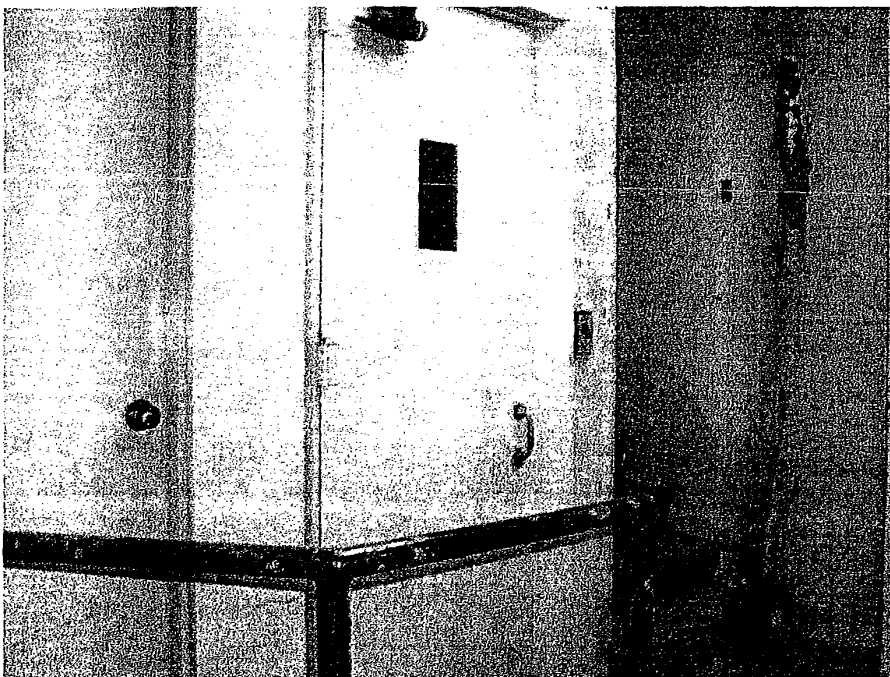


Photo Index No. P0006	
Citation/Item No.	Instance No.
Location of operation 3100 Airport Way S Seattle, WA 98134	
Location of Photographer 200 level	
Photo # <u>6</u> description Steel door at base of stairway	

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2006-017815
PHOTO-IDENTIFICATION

Report No. 310608815	Inspection Date December 14, 2006	Inspector ID X5979	Region 2
Name of Employer and Address: Ethan Construction, 3100 Airport Way S, Seattle, WA 98134			

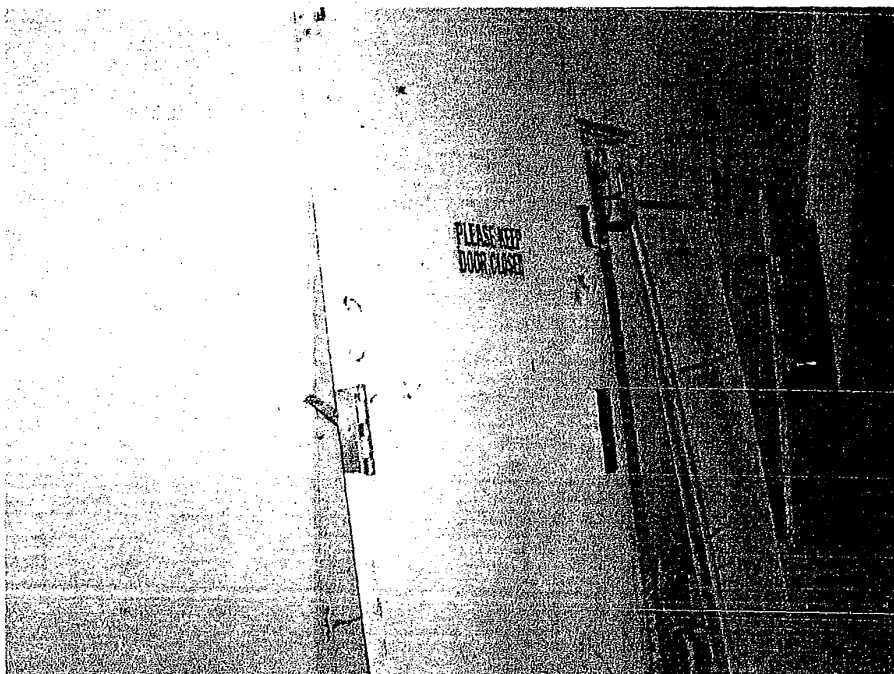


Photo Index No. P0007	
Citation/Item No.	Instance No.
Location of operation 3100 Airport Way S Seattle, WA 98134	
Location of Photographer 400 level	
Photo # <u>7</u> description Hallway to back of building with door removed from frame.	

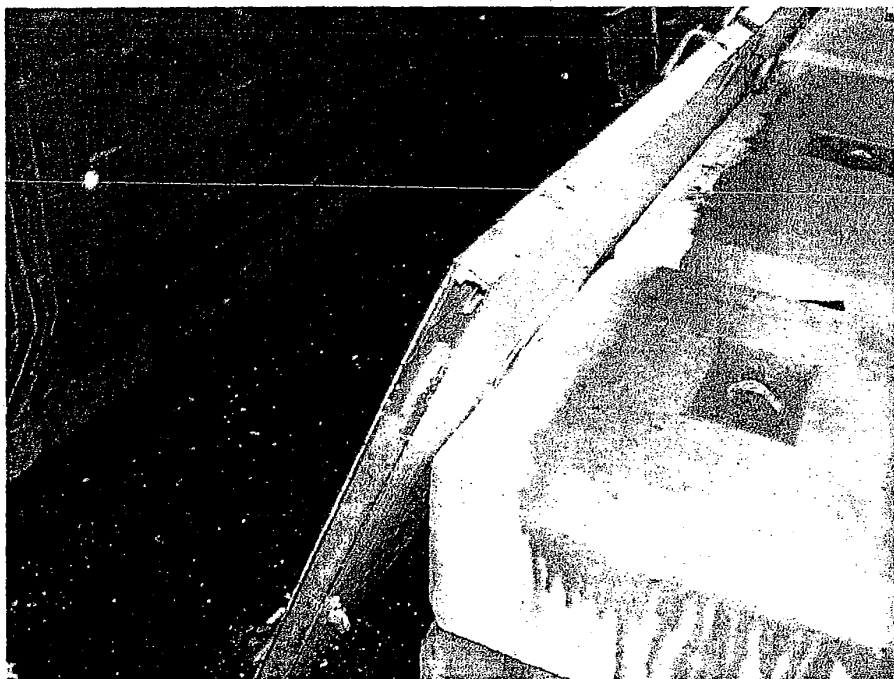


Photo Index No. P0008	
Citation/Item No.	Instance No.
Location of operation 3100 Airport Way S Seattle, WA 98134	
Location of Photographer Outside Brewery building on 400 level next to dumpster	
Photo # <u>8</u> description End of steel door showing opening with PACM insulation inside	

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ETHAN CONSTRUCTION

UBI# 602 304 468

REGION 2

CSHO X5979

PHOTO CD

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OF
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Enforcement Case File Information

Referral Information Inspection Information Violation Information Sampling Information

Enforcement Referral Information

Referral #	Inspection Number / Program	UBI / Bus Loc	Account ID / Site Reg		
202501862	310608815 / Health	602306468 / 884570	90805306 / 1055320		
Primary SIC/NAICS	Primary SIC/NAICS Description		CSHO ID / CSHO Region		
1522 / 236118	GENERAL CONTRACTORS - RESIDENTIAL BLDGS, OTHER THA / RESIDENTIAL REMODELERS (PT)		X5979 / 1055320		
Site Address		Mailing Address			
ETHAN CONSTRUCTION LLC 1046 1st Ave S Seattle, WA 98134		ETHAN CONSTRUCTION LLC 3100 Airport Way S Seattle, WA 98134			
List of Sources					
Source Name	Source Type	Last Letter Sent	Date Sent	Phone	Email
referral, anonymous	Other				
Employer Referral Letters					
No Employer Letters Found					
Type of Business		Type of Activity			
construction		Referral			
Description and Location of Hazard					
Asbestos containing materials are being removed by workers who have not been trained or provided proper equipment. Improper disposal of the materials.					
Received By	Assigned To	Assigned Supervisor	Date-Time Received		
i9888	X5979	i9888	12/14/2006 - 8:00 AM		
Inspection Planned		Number of Days	Send Letter		
Yes		1	No		
Inspect By	Reason No Inspection				
12/15/2006					
Evaluated By	Severity	Migrant Farm Camp	Emphasis Information		
i9888	Serious	No			
Transfer To Name	Date of Transfer	Transfer To	Reporting ID/Code		
Transfer Comment					

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